



PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2**Complete if Known**

Application Number	10/646583
Filing Date	08/22/03
First Named Inventor	NITIN J. SHAH
Art Unit	
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DJB	1	US- 32892	03-21-1989	Samuel Simons	FIG. 2
	2	US- 1,083,767	01-06-1914	J. G. Stewart	FIGURES 1 & 2
	3	US- 1,630,037	05-24-1927	R. Styrer	FIGURES 1 & 2
	4	US- 1,648,392	11-08-1927	O. F. Fuetterer	FIGURE 6, item 17
	5	US- 1,810,091	06-16-1931	J. C. Siegel	FIGURE 2, item 18
	6	US- 1,810,825	06-16-1931	R. FURRER	FIGURE 2
	7	US- 1,810,902	06-23-1931	H. J. BUANISH	FIG. 3
	8	US- 1,842,298	06-19-1932	L. R. SMITH	FIG. 3
	9	US- 1,872,271	08-16-1932	R. FURRER	FIGURE
	10	US- 1,881,979	10-11-1932	J. H. TAYLOR	FIGURE-6
	11	US- 1,903,315	04-04-1933	A. W. PRIEBE	FIGURE-2
	12	US- 1,903,239	11-28-1933	J. R. McWANE	FIGURE-2
	13	US- 1,960,557	05-29-1934	F. L. SNYDER	FIG- III
	14	US- 1,977,678	10-23-1934	A. KIDD	FIG- 4
	15	US- 1,980,561	11-13-1934	R. L. WAGNER	FIG- IV
	16	US- 2,014,795	09-17-1935	C. R. BIRDSEY	FIG- 2 & 3
	17	US- 2,034,808	03-24-1936	J. B. GRAHAM	FIG. 2
	18	US- 2,037,962	04-21-1936	E. BROWN	FIG. 3

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² Number ⁴ Kind Code ⁵ (if known)				

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10/28/04

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Sheet

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DBS	19	US-2,050,339	08-11-1936	A. KIDD	FIG-2,3
	20	US-2,136,474	11-15-1938	S. STAAV	FIG-1
	21	US-2,216,033	09-24-1940	R. K. HOPKINS	FIG-3
	22	US-2,258,913	10-14-1941	A. L. STONE	FIG-4, 5
	23	US-2,324,335	07-13-1943	E. H. TAYLOR	FIG-3
	24	US-2,336,297	12-07-1943	R. M. ROOKE	FIG-4
	25	US-2,366,579	01-02-1945	R. H. VON AHRENS	FIG-4
	26	US-2,867,036	01-06-1959	H. HOFGLMANN	FIG-1
	27	US-3,033,145	05-08-1962	H. J. THIELSCH	FIGS. 4, 8, 15
	28	US-3,101,532	08-27-1963	M. CHRISTENSEN	FIG-5
	29	US-3,482,304	12-09-1969	C. BRIGOT ET AL	FIGS. 3, 4
	30	US-3,677,580	07-18-1972	C. E. KLANKE	FIGS. 1, 2, 3, 7, 8, 12
	31	US-4,179,141	12-18-1979	J. W. NEWMAN	FIGS. 3, 4
	32	US-4,346,918	08-31-1982	G. A. LYCAN	FIGS. 3, 6
	33	US-4,505,420	03-19-1985	P. G. WITTENBACH	FIG-2
DBB	34	US-5,685,571	11-11-1997		FIGS. 3, 6, 7, 8
		US-			

FOREIGN PATENT DOCUMENTS

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/646583</td> </tr> <tr> <td>Filing Date</td> <td>08/22/03</td> </tr> <tr> <td>First Named Inventor</td> <td>NITIN J. SHAH</td> </tr> <tr> <td>Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td></td> </tr> </table>		Application Number	10/646583	Filing Date	08/22/03	First Named Inventor	NITIN J. SHAH	Art Unit		Examiner Name		Attorney Docket Number	
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Sheet	1	of	1												

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
<div style="font-size: 2em; font-family: cursive;">DB</div>	1	JAY K. SMITH, "VIBRATIONAL FATIGUE FAILURES IN SHORT CANTILEVER PIPING... FITTINGS," PVP-VOL 338, PRESSURE VESSELS & PIPING CODES & STANDARDS, ASME-1996, P21-24	
	2	PETER C. RICARDELLA, et al, "FRACTURE MECHANICS ANALYSIS OF SOCKET WELDS... LOADING," PVP-VOL 353 PRESSURE VESSEL & PIPING CODES & STANDARDS, ASME 1997, PAGES 23-34	
	3	MAKOTO HIGUCHI, et al, "FATIGUE STRENGTH OF SOCKET-WELDED PIPE JOINT PVP-VOL 313-1, PVP-VOL 313-1, INTERNATIONAL PRESS. VESSEL & PIPING CODES & STANDARDS: VOLUME, ASME-1995, PAGES 69-76	
	4	MAKOTO HIGUCHI, et al, "A STUDY ON FATIGUE... SOCKET WELDED PIPE JOINTS," PVP-VOL 338, PRESSURE VESSELS & PIPING CODES & STANDARDS, VOLUME-1, ASME 1996, PAGES 11-19	
	5	The American Society of Mech. Engineers, "Code for Pressure Piping" ASA B31.1-1985, cover page, pages 125, 126	
	6	The American Society of Mech. Engineers, "1998 Section II, Division 1-NC" PAGES 269-270.	

Examiner Signature	<div style="font-size: 1.5em; font-family: cursive;">David B...</div>	Date Considered	10/28/04
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